

#### Disclaimer

No absolutes in this process, but the data don't lie!

What % of applicants matriculate?

43.5%

18,390 matriculants out of 42,269 applicants in 2009

Table 17: Applicants and Matriculants to U.S. Medical Schools, 1996-2008

2002	2003	2004	2005	2006	2007	2008
33,625	34,791	35,735	37,737	39,108	42,315	42,231
16,488	16,541	16,648	17,003	17,361	17,759	18,036

http://www.aamc.org/data/facts/2008/2008mcatgpa.htm

### Selection Criteria



- GPA overall and science
  Strength of transcript
  ALL grades reported
  Repeated courses?
  MCAT scores
  Application essays
  What do I tell the schools?
  Are they really important?
  Experience
  Letters

ome Government Arrairs N	ewsroom Meetings Publications Shopping Cart	Site Map Search Sear
	Applicants and Matriculants Data	
ACTS Home	By Institution	Related
ipplicants and Matriculants	U.S. Medical School Applications and Matriculants by School, State of Legal Residence, and Sex. 2009     Undergraduate Institutions Supplying Applicants to U.S. Medical Schools, by Applicant Race and	U.S. Medical School Applicants and Students (PDF) These charts include longitudinal data back to 1982.
ID/PhD	Ethnicity, 2009	For MCAT examinee data, see "MCA
RAS Data	By Legal Residence, Age, Sex	Exam Statistics" on For Admissions Officers and Pre-Health Advisors.
Gossary	<ol> <li>Assilicants to U.S. Medical Schools by State of Land Residence. 1998-2009</li> <li>Assilicants to U.S. Medical Schools by State of Land Residence. 1998-2009</li> <li>Assilicants to U.S. Medical Schools by In or Dut-of-State Metiocalistics Status. 2009</li> <li>Assilicants to U.S. Medical Schools by In or Dut-of-State Metiocalistics Status. 2009</li> <li>Extensit. 2007-2009. See Medical Schools of Assilicant Medicalistics by See and Resiz and Extensit. 2007-2009.</li> <li>Assilicants. First. Time Assilicants. Ascoratem. and Matriculants to U.S. Medical Schools by Sen. 1998- 2009</li> </ol>	Contact FACTS  For additional data on medical school applicants, matriculants, orrollment, and graduates, please e-mail facts@aemc.org.
	By Race and Ethnicity	
	<ol> <li>Auguspers a Li S. Media G. Arboth In Para, Edited to Combination with Histories or Lates Desired Southcoders to U.S. Media G. Schools In Proc. Activated Combination with Histories or Lates Desired 10. Auguspers to U.S. Media G. Schools In Principant or Lates Districts, Non-Histories or Lates Districts, 11. Medical Lates Lates Media G. Schools In Principant or Lates Districts, Non-Histories or Lates Districts 12. Bean Lates Combination of Lates Combination of Lates Districts 13. Medical Edition of Lates Activation of Lates Combination of Lates Districts 14. Bean Lates Combination of Lates Combination of Lates Combination 15. Bean Lates Combination Combination of Lates Combination (Lates Combination Combination) 16. Bean Lates Combination Combination of Lates Combination (Lates Combination Combination) 16. Bean Lates Combination (Lates Combination Combination) 16. Bean Lates Combination (Lates Combination) 16. Bean Lates Combination (Lates</li></ol>	ty, and Sex, 2009 State of Legal Residence, 2009 State of Legal Residence, 2009 Latino Ethnicity, Non-Hispanic or Lati

#### Numerical Selection Criteria

Matriculants, 199	3-2009	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	200
MCAT VR	Mean	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.8	9.9	9.9	9.1
	SD*	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.8	1.8	1.7
MCAT PS	Mean	9.9	10.0	10.0	10.0	10.0	9.9	9.9	10.0	10.1	10.3	10.3	10.5
	SD	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
MCAT BS	Mean	10.2	10.2	10.2	10.1	10.2	10.2	10.3	10.4	10.5	10.6	10.7	10.8
	SD	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.3
Total MCAT	Mean	29.6	29.7	29.7	29.6	29.6	29.6	29.9	30.2	30.3	30.8	30.9	30.8
	SD	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.3	4.2	4.2	4.2	4.3
MCAT WS	Median	P	P	P	P	P	P	P	P	P	P	P	-
GPA science	Mean	3.52	3.53	3.54	3.54	3.54	3.55	3.56	3.56	3.57	3.59	3.60	3.60
	SD	0.37	0.36	0.35	0.35	0.36	0.35	0.35	0.35	0.34	0.33	0.33	0.32
GPA non-science	Mean	3.64	3.66	3.67	3.68	3.69	3.70	3.70	3.70	3.71	3.73	3.73	3.74
	SD	0.30	0.30	0.29	0.28	0.27	0.26	0.26	0.26	0.26	0.25	0.25	0.25
GPA total	Mean	3.57	3.59	3.60	3.60	3.61	3.62	3.62	3.63	3.64	3.65	3.66	3.66
	SD	0.31	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.26	0.26	0.26
Total Matriculants		16,170	16,221	16,301	16,365	16,488	16,541	16,648	17,003	17,361	17,759	18,036	18,39

#### Statistics, 2009

	<u>Applicants</u>	<u>Mat</u>	<u>riculants</u>
#	42,269		18,390
VR	9.0	10 50	9.8
PHYS	9.2	43.5%	10.3
BIOL	9.8		10.8
Writing	Ο		Р

Subject Averages 28.1  $\longrightarrow$  30.9

http://www.aamc.org/data/facts/applicant matriculant/table 18-facts 09 mcatg paby maj 1-web.pdf

#### **Applicant Facts**

#### Average MCAT Scores

MCAT	2006		2	007	2008		
	Applicants	Matriculants	Applicants	Matriculants	Applicants	Matriculants	
Physical	9.1	10.1	9.2	10.3	9.3	10.3	
Verbal	9.0	9.8	9	9.5	9.0	9.9	
Writing	0	Р	0	Р	Р	Р	
Biological	9.5	10.5	9.5	10.6	9.8	10.7	

	arg if you need further a rate for applicants.		Total MCAT Scores									41
2007-2	CC9 (aggregated)	5-14	17-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-47	All
GPA total												
3.80-4.00	Acceptees	5	9	91	357	1,374	2,920	5,640	4,584	2,777	1,116	19,78
	Applicants	79	177	523	1,945	3,230	5,606	6,825	5,272	2,072	1,205	27,22
	Acceptance rate N	6.3	5.1	17.4	26.5	42.5	61.3	02.6	06.9	90.4	92.6	72.
3.60-3.79	Acceptees	3	14	137	426	1,387	3,707	3,236	3,343	1,603	380	16,42
	Applicants	204	367	1,011	2,275	4,493	6,985	7,178	4,399	1,891	445	29,25
	Acceptance rate %	1.5	3.8	13.4	18.7	90.8	53.1	79.2	80.6	84.9	85.4	56.
3.40-3.59	Acceptees	9	14	126	422	1,001	2,547	3,443	2,106	840	175	10,76
	Applicants	334	235	1,234	2,337	4,337	6,799	6,049	3,063	1.142	226	26.31
	Acceptance rate %	2.5	2.6	10.2	16.5	23.8	31.6	56.9	63.3	73.6	77.4	40.
3.20-3.39	Acceptees	3	11	102	902	627	1,204	1,511	892	333	62	5,04
	Applicants	412	616	1,181	2,265	3,473	4,420	3,807	1,739	551	93	10,56
	Acceptance rate %	0.7	1.0	5.6	13.3	15.1	27.2	39.7	21.3	60.4	66.7	27.
3.00-3.19	Acceptees	3	13	57	177	335	341	330	320	125	15	2,16
	Applicants	491	609	957	1,619	2,139	2,468	1,804	863	226	44	11,25
	Acceptance rate %	0.6	2.5	6.0	10.9	16.7	21.9	20.5	37.1	40.0	40.9	19.
2.00-2.99	Acceptees		6	36	101	163	100	167	102	23	10	70
	Applicants	429	425	667	933	1,132	1,031	742	336	89	15	5,02
	Acceptance rate %		1.4	5.4	10.8	14.4	17.1	22.5	80.4	25.8	33.6	13
2.60-2.79	Acceptees		2	22	41	56	61	55	28	7	1	27
	Applicants	336	235	222	523	532	462	207	142	40		2.90
	Acceptance rate %		1.3	3.6	7.8	10.7	13.0	19.2	19.7	17.5	12.5	2.
2.40-2.59	Acceptees		1.	3	13	19	21	25	13	1.		,
	Applicants	292	156	189	251	228	192	137	48	11		1,44
	Acceptance rate %		0.6	1.6	5.2	8.3	10.9	18.2	27.1	9.1		6.
2.20-2.39	Acceptees			2		3	3		1	1		2
	Applicants	167	92	203	86	82	67	39	17	6		- 66
	Acceptance rate %			1.9	5.8	3.5	4.5	12.8	5.9	16.7		3.
2.00-2.19	Acceptees		1		1	1			3			
	Applicants	70	40	40	27	26	25	10	7	1		25
	Acceptance rate N		2.5		3.7	3.5			42.9			2
1.47-1.99	Acceptees		1			1		1				
	Applicants	28	25	18	14	8	4	3	8			10
	Acceptance rate %		4.0			12.5		22.2				2
AI	Acceptees	23	75	574	1,043	5,070	12,094	16,653	11,394	5,712	1,762	33,40
	Applicants	2,825	3,280	6,316	11,097	19,000	27,894	26,551	13,509	7,060	2,039	123,99
	Acceptance rate %	0.8	2.3	9.1	15.5	25.5	43.4	62.0	72.9	80.9	86.4	44
											ation of American I	

#### **Applicant Facts**

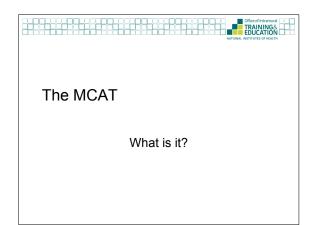
For more applicant data, go to:

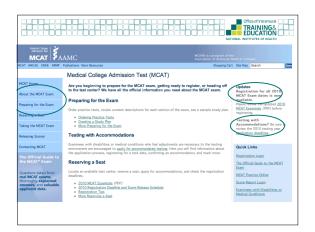
http://www.aamc.org/data/facts/start.htm

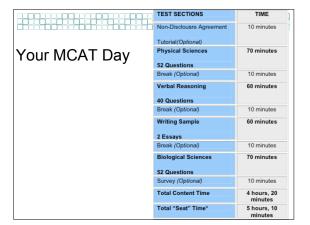
Previous data and slides from: http://www.aamc.org/students/applying/advisors/ toolbox.htm

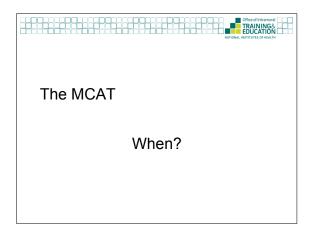
Range of MCAT scores submitted by matriculants "never" falls below an 8!

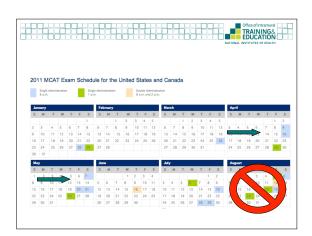
Why is the MCAT important to medical schools?











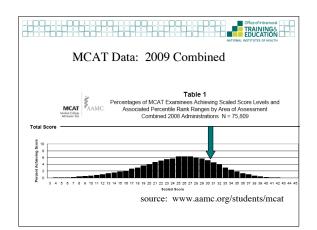
Schools accepting September
MCATs?

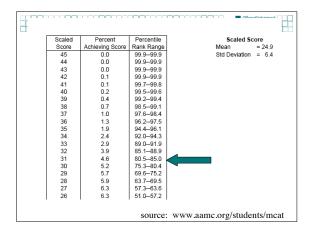


#### The MCAT

How well must I do? How to do well?

# The MCAT Biological Sciences (1 - 15) Physical Sciences (1 - 15) Verbal Reasoning (1 - 15) Writing Sample (J - T) Note: these scores are scaled, not absolute.

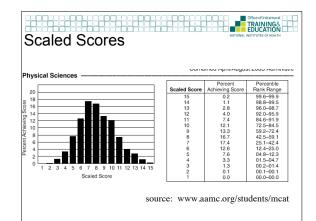




## Officed Internacial Officed I

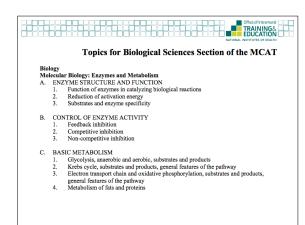
#### Example: Physical Sciences

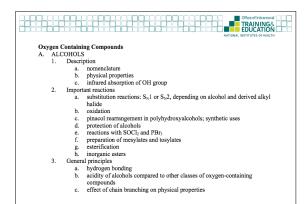
- 52 Total Questions in 70 minutes
- 42 related to passages
  - □ ~250 words in each of 7 9 passages
- 10 questions unrelated to each other or to the passages
- ~42,000 test takers earning scores of 1 15

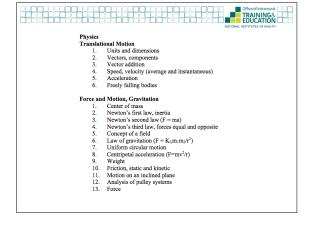


Office of intranual The Company of t	
Question:	
How many questions (out of 52	
total) separate a score of 10	
from a 9 or an 11?	
Office of Inframural TRAININGS	
Things to remember about	
MCAT Preparation	
You are studying to get a score, not learn tons of material.     You do not need to know the enzymes of the Krebs Cycle.	
<ol> <li>You only need to know a relatively small number of facts.</li> <li>Content study yields diminishing returns. Practice pays larger dividends.</li> </ol>	
Office of Intranural	
TRAININGS DUCATION MATIONAL MATIONAL MATIONAL MATIONAL OF MALIN	
So how do I begin to study?	
<ol> <li>Download Content!</li> <li>Set up study schedule</li> </ol>	
3. Analyze Practice Tests	
4. Textbooks !!!	
5. Sample problems !!!	









office of tetramund The most beneficial, helpful, and useful thing you can do to prepare.....

Take practice tests under game conditions!



#### Practice MCATs at

- <u>www.e-mcat.com</u>
  - Online
- www.aamc.org
  - Online and paper for sale
- Sample questions in PDF manual
- Helpful site:

http://silenttimer.com/handbook/standardizedtest/mcat/index.php





#### Writing Sample

- Two scores for each of two sections
- Each evaluator awards a score of 1 to 6
- Sum of scores on two questions is converted to J to T scale (11 units on scores from 4 24)
- For example:
  - 3 & 3 on Part 1 and 5 & 6 on Part 2
  - Raw score of 17 converted to alphabetic to give distribution

#### Writing Sample Scores

Year	Applicants	Matriculants
1999	P	P
2000	P	P
2001	P	P
2002	P	P
2003	P	P
2004 - 2008	О	P

To get a score of P?

> 59.5 percentile

#### So what do you do now?

- Strunk & White, The Elements of Style
- Examine and analyze sample essays on web site
- Practice writing timed essays with your study group, each analyzing the work of the group after understanding the scoring and letting them lay dormant for a few days.
- Get a logic or rhetoric book and formally examine some structures for arguments.
  - □ If you have time to do this, call me! I will help you find a life!

#### Can you cover all of the content?

- What % of what you study will be on YOUR version of the exam?
- So you do the best you can with the study time you have left before test day
- Is your situation any different than that of other test takers?
- Remember: Our mission is to......

#### Your study calendar

- How many hours per week?
  - □ How many hours on each day of the week?
- When?
- What ?
- Where ?
- Check for understanding!

-			



#### As the MCAT day approaches, you should be spending less time on content and more time on practice tests!

With three weeks to go, you should be spending 80% time with practice tests, 20% on content study based on what you missed on practice tests!

Office of Intramural
TRAINING&
NATIONAL INSTITUTES OF HEALTH

#### Your Weekly Schedule:

■ Monday: one 70 minute Biology section

■ Tuesday: grade, review & study

■ Wednesday: one 70 min Physics section

■ Thursday: grade, review & study

Friday: Happy HourSat & Sun: VR

#### Time / Question

Section	# of Questions	Time Allowed	Time/ Question
Physical Sciences	52	70 min	~1.3 min or 80 sec
Verbal Reasoning	40	60	1.5 min or 90 sec
Writing	2	60	30 min
Biological Sciences	52	70	~1.3 min or 80 sec

# What to do with this information? Make a table of questions completed by certain time points for each section! Example: Biology Question # Time elapsed 10 13.5 minutes 20 27 minutes 30 40.5 minutes 40 53.5 minutes 50 64 minutes Know your Question # vs. Time progress

# Attacking the Biological Sciences & Physical Sciences sections

- Questions associated with 7 passages (39 and 4 7 per passage) and 13 stand alone questions
- Step One: There are FOUR (4) types of questions!

#### The Four Types of Questions:

- The answer:
  - □ is in the passage
  - □ is in the graph or table
  - □ must be recalled from your knowledge
  - □ must be arrived at by deductive or inductive reasoning

#### So now...

- For passages,
  - □ Skim / read the questions first
  - □ Label questions as to type
  - □ Read the passage and data, looking for answers
  - □ Go back to questions and ....

Do not look at the answers until you have answered the question if the answer isn't in the passage or data!

#### Other thoughts...

- Process of elimination when required
- Guessing is not penalized
  - Especially if the answer is not in the passage or data
- Keep up the pace
- Keep up the emotional energy
  - □ Example from 2000

#### Verbal Reasoning

- Seven passages of ~600 words, each with 5 7 questions
- Practice, practice, practice.....
- Keep up the pace or plod along?
  - □ Your personal strategy must be applied
- Remember when you can find the answer in the passage and when inference is required
- when inference is required

  You must stay with it in practice and on the test!

# Possible strategies: Outline passage? Read passage, read & answer Q's going back to passages as necessary Skim & then read passage, then do Q's Skim, read Q's, read passage, do Q's Read Q's, read passage, do Q's Read the first two sentences and 'guess' your way through that passage.